1-49 (canceled)

Jun 20 2006 4:47PM

- 50. (currently smended) A device for illuminating an object by directing a beam of light from the device onto the object, comprising:
- (a) a housing having a light reflector arrangement supported therewith, said light reflector arrangement including light reflecting surface segments which circumscribe a given area and which define a forwardly extending central axis of illumination; and
- (b) an illumination assembly including (i) a printed circuit board having a front surface and a back surface and a side edge extending between said front and back surfaces. (ii) at least one solid state light source having an underside base and mounted onto the front surface of said printed circuit board such that its underside base is adjacent to and confronting said front surface, and (iii) control circuitry connected with said solid state light source and printed on at least one of the surfaces of said printed circuit board for connecting the solid state light source to a source of power in order to control the illumination of said solid state light source, said illumination assembly being connected with said housing such that the solid state light source is disposed within said given area in a way which causes light from said solid state light source to emanate out of said given area at least indirectly by means of reflection so as to project said beam of light in the general direction of said forwardly extending central axis of illumination.
- 51. (currently amended) An illumination device according to Claim 50 wherein the front surface of said printed circuit board is a planar surface oriented normal perpendicular to and facing in the same direction as said forwardly extending central axis of illumination and wherein said light source is an LED having a mounting and an underside base mounted to said front planar surface and an opposite free end facing forward such that said mounting and free ends underside base and said free end define an axis normal perpendicular to the planar front surface and parallel with said central axis.
- 52. (previously presented) An illumination device according to Claim 50 wherein said control circuitry is at least printed on the back surface of said printed circuit board.
- 53. (previously presented) An illumination device according to Claim 50 wherein said solid state light source is an LED.
- 54. (currently amended) An illumination device according to Claim 50 wherein the front surface of said printed circuit board is a planar surface oriented parallel with said forwardly extending central axis of illumination and wherein said light source is an LED having a-mounting end an underside base mounted to said front planar surface and an opposite free end such that said mounting and free ends underside base and said free end define an axis normal perpendicular to said planar front surface and normal perpendicular to said central axis such that said LED directs some of its light normal perpendicular to said central axis towards some of said light reflecting surface segments.

55-56. (canceled)

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- 57. (previously presented) An illumination device according to Claim 50 wherein said illumination assembly includes a plurality of solid state light sources, each of which is an LED.
- 58. (currently amended) An illumination assembly for use in a device for illuminating an object by directing a beam of light from the device onto the object, said device having a housing including a light reflector arrangement supported therewith, said light reflector arrangement including light reflecting surface segments which circumscribe a given area and which define a forwardly extending central axis of illumination, said illumination assembly comprising:
- (a) a printed circuit board having generally planar a front surface and a back surfaces and a side edge extending between said front and back surfaces;
- (b) at least one solid state light source having and underside base and mounted onto the front surface of said printed circuit board such that its underside base is adjacent to and confronting said front surface, and
- (c) control circuitry connected with said solid state light source and printed on at least one of the surfaces of said printed circuit board for connecting the solid state light source to a source of power in order to control the illumination of said solid state light source;
- (d) said illumination assembly being adapted for connection with said housing such that the solid state light source is disposed within said given area in a way which causes light from said solid state light source to emanate out of said given area at least indirectly by means of reflection so as to project said beam of light in the general direction of said forwardly extending central axis of illumination.
- 59. (previously presented) An illumination assembly according to Claim 58 where in said solid state light source is an LED.
- 60, (currently amended) An illumination assembly for use as part of a device for illuminating an object by directing a beam of light from the device onto the object, said device including a housing defining a given area for directing said beam of light outward from the housing, said illumination assembly comprising:
- (a) a printed circuit board having a planar front surface and a planar back surface and a side edge extending between said front and back surfaces;
- (b) at least one solid state light source having an underside base mounted onto the front surface of said printed circuit board such that its underside base is adjacent to and confronting said front surface, and
- (c) control circuitry connected with said solid state light source and printed on at least one of the surfaces of said printed circuit board for connecting the solid state light source to a source of power in order to control the illumination of said solid state light source;
- (d) said illumination assembly being adapted for connection with said housing such that the solid state light source is disposed within said given area in a way which causes said beam of light from said solid state light source to emanate out of said given area.
- 61. (previously presented) An illumination assembly according to Claim 60 wherein said solid state light source is an LED.
 - 62. (canceled)

- 63. (previously presented) An illumination device according to Claim 50 wherein said device is a flashlight.
- 64. (previously presented) An illumination device according to Claim 50 wherein said housing is configured to received both said illumination assembly and an illumination assembly that includes an incandescent light source rather than a solid state light source, the latter assembly having been replaced by said former assembly.

65. (Canceled)

- 66. (new) A device according to Claim 60 wherein:
- (a) said printed circuit board is longer than it is wide and wherein the planar front and back surfaces of the printed circuit board extends from one lengthwise end of the latter to an opposite lengthwise end thereof, said printed circuit board further including first and second electrically conductive bumps on said lengthwise ends and serving as an electrical input and output, respectively;
- (b) the device includes a plurality of solid state light sources mounted on the front surface of said printed circuit board in spaced apart relationship to one another along the elongated length of the circuit board;
- (c) said control circuitry is connected with said solid state light sources and said bumps and printed on at least one of the surfaces of said printed circuit board for connecting the solid state light sources to said bumps in order to control the illumination of said solid state light source when said bumps are connected to a source of power.
- 67. (new) A device for illuminating an object by directing a beam of light from the device onto the object, comprising:
- (a) a housing which circumscribes a given area and which defines a forwardly extending central axis of illumination; and
- (b) an illumination assembly including (i) a printed circuit board having a planar front surface and a planar back surface and a side edge extending between said front and back surfaces, (ii) at least one LED including a top end and a base end which together define an axis of orientation, the base of said LED being mounted onto the front surface of said printed circuit board such that said axis of orientation is perpendicular to said front surface and such that its base end is adjacent to and confronting said front surface, and (iii) control circuitry connected with said solid state light source and printed on at least one of the surfaces of said printed circuit board for connecting the solid state light source to a source of power in order to control the illumination of said solid state light source, said illumination assembly being connected with said housing such that the axis of orientation of said LED is disposed within said given area parallel with said forwardly extending central axis in a way so as to cause light from said LED to emanate out of said given area in the general direction of said forwardly extending central axis of illumination.
- 68. (new) A device according to Claim 50 wherein said solid state light source is mounted into direct engagement with the front surface of said PCB.